Data Management and Probability

Activity 6 Assessment Data Management Consolidation



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Collecting and Organizing Data			
Recognizes the difference between first- and second-hand data. "I measured the height of the tomato plant daily, so that is first-hand data. I got the heights of the basketball players from the Internet, so that is second-hand data."	Formulates questions to help with data collection. "I wanted to find my classmates' favourite raw vegetable. I asked: What is your favourite raw vegetable: cauliflower, broccoli, celery, carrot, cucumber, other?"	Chooses best method to collect data (e.g., first- or second-hand data, survey vs experiment, databases vs electronic media). "To find out what people think about the renovations to the community centre, I would collect first-hand data using a questionnaire."	
Observations/Documentation			

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Collecting and Organizing Data (cont'd)			
Chooses representative sampling technique to collect relevant data (e.g., simple/systematic random, stratified). "I can't survey everyone who enters the community centre. I will use systematic random sampling and survey every 10th person."	Represents collected data using appropriate organizers. "I would display the data in a bar graph so that it is easy for others to see how satisfied the community is with the renovations."	Uses collected data to draw conclusions and make informed decisions.	
Observations/Documentation			